PHŒNIX CONTACT

Output module - UM-2KS50/ 8DO/RS/MKDS - 2900174

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8-channel digital output module with screw connection and redundant voltage supply. Suitable for Yokogawa SDV 531 and SDV 531L cards.

Key commercial data

Packing unit	1 pc
GTIN	4 046356 484046
Weight per Piece (excluding packing)	612.0 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	162 mm
Height	112 mm
Depth	80 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C

General

Note	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Max. permissible operating voltage	24 V DC ±5 %
Max. perm. current (per branch)	100 mA
Max. permissible current (separate power supply)	6.3 AT (F150, F151) plug-in fuse (5x20, 6.3 A), DIN 41662
Number of positions	50
Status display	Green LED (supply), yellow LED (channel)
Mounting position	any

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Technical data

General

Designation	Air and creepage distances
Standards/regulations	DIN EN 50178
Rated surge voltage	basic insulation
Pollution degree	2
Surge voltage category	III

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14

Connection data for connection 2

Connection name	Controller level
Number of connections	2
Connection method	Yokogawa KS-compatible
Number of positions	50

Supported controller

Controller	YOKOGAWA ProSafe-RS
- suitable I/O card	SDV531/-L

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27242608

ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001437
ETIM 5.0	EC001437

UNSPSC

UNSPSC 6.01	30211824

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Classifications

UNSPSC

UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	26121620
UNSPSC 13.2	39121421

Accessories

Accessories

System cable

Cable - FLK 50-PA/EZ-DR/KS/ 200/YOC - 2314396

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 2.0 m

Cable - FLK 50-PA/EZ-DR/KS/ 300/YOC - 2314406

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 3.0 m

Cable - FLK 50-PA/EZ-DR/KS/ 400/YOC - 2314419

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 4.0 m

Cable - FLK 50-PA/EZ-DR/KS/ 600/YOC - 2314969

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for SDV 531 card; cable length: 6.0 m.

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Accessories

Cable - FLK 50-PA/EZ-DR/KS/ 800/YOC - 2314972

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for SDV 531 card; cable length: 8.0 m.

Cable - FLK 50-PA/EZ-DR/KS/1000/YOC - 2314422

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 10.0 m

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Cable - FLK 50-PA/EZ-DR/KS/1500/YOC - 2314435

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 15.0 m

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Cable - FLK 50-PA/EZ-DR/KS/2000/YOC - 2314561

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 20.0 m

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Cable - FLK 50-PA/EZ-DR/KS/2500/YOC - 2314574

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 25.0 m

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Accessories

Cable - FLK 50-PA/EZ-DR/KS/3000/YOC - 2314587

Assembled round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 30.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 100/YOC - 2904985

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 1.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 200/YOC - 2904986

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 2.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 300/YOC - 2904987

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 3.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 400/YOC - 2904988

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 4.0 m

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Accessories

Cable - FLK 50-PA/EZ-DR/HF/KS/ 500/YOC - 2904989

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 5.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 600/YOC - 2904990

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 6.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 700/YOC - 2904991

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 7.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 800/YOC - 2904992

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 8.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/ 900/YOC - 2904993

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 9.0 m

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Accessories

Cable - FLK 50-PA/EZ-DR/HF/KS/1000/YOC - 2904994

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 10.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/1500/YOC - 2904995

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 15.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/2000/YOC - 2904996

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 20.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/2500/YOC - 2904997

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 25.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/3000/YOC - 2904998

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 30.0 m

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Accessories

Cable - FLK 50-PA/EZ-DR/HF/KS/3500/YOC - 2904999

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 35.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/4000/YOC - 2905000

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 40.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/4500/YOC - 2905001

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 45.0 m

Cable - FLK 50-PA/EZ-DR/HF/KS/5000/YOC - 2905002

Assembled halogen-free round cable with two molded 50-pos. socket strips (bridged contacts). The cable is suitable for the SDV 531 card; cable length: 50.0 m